

Landscape Reference Tools

CALCULATIONS FOR PLANT SPACING, WEIGHTS, ROCK/GRAVEL, AND SOIL/BARK MULCH COVERAGE

GROUND COVER SPACING CHART	
Select your desired plant spacing and multiply your square footage by the appropriate figure in the right column. The result will be the approximate number of plants to fill your area.	
plant spacing	multiply square footage by
12"	1.0
15"	.64
18"	.44
24"	.25
30"	.16
36"	.11

TREE WEIGHTS			
Approximate weights of B&B trees. These figures are meant as a guide only and will vary with the type of tree, weather conditions, and time of year.			
Caliper	Ball Width	Height	weight
1.75"	24"	18"	200lbs
2"	28"	18"	400lbs
2.5"	32"	24"	600lbs
3"	36"	28"	800lbs
3.5"	40"	36"	1200lbs
4"	44"	36"	1500lbs

MEASUREMENTS OF TREE CONTAINERS			
Approximate measurements of tree containers depending on the manufacturer.			
Size	Inside	Outside Rim	Depth
15 gal	17"	18.5"	15"
25 gal	22.5"	23-25"	18"
45 gal	29"	30"	20"
65 gal	29.5"	34"	23"
95 gal	36"	42"	25"
150 gal	42"	48"	27"
200 gal	47"	50"	29"

ROCK/GRAVEL, AND SOIL/BARK MULCH COVERAGE CHART			
Rock & Gravel		Soil & Bark Dust or Mulch	
1 ton of rock or gravel covers		1 cu yd of Soil & Bark Dust or Mulch covers	
1 cu yd of rock/gravel = approx. 1 ton		1 1/2-2 cu yd soil or mulch = approx. 1 ton	
240 sq ft	1" deep	500 sq ft	1" deep
120 sq ft	2" deep	150 sq ft	2" deep
80 sq ft	3" deep	100 sq ft	3" deep
60 sq ft	4" deep	75 sq ft	4" deep
50 sq ft	5" deep	50 sq ft	6" deep
40 sq ft	6" deep	25 sq ft	12" deep
20 sq ft	12" deep		